

REMARKS

Claims 11-25 are currently pending in the application. Claims 1-10 have been canceled, without prejudice or disclaimer. New claims 11-25 have been added. Applicant respectfully submits that no new matter has been added. Applicant respectfully requests reconsideration of the application in view of the foregoing amendments and the following remarks.

Figures 2 and 3 stand objected to due to various informalities. In response, Applicant has amended the Figures as indicated in the attached replacement drawings sheets. Claim 6 stands objected to due to various informalities. Dependent claim 6 has been canceled, thus rendering the objection to claim 6 moot.

Claims 1-7 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,862,234 to Todter et al. (“Todter”) in view of assertedly-admitted art (“art”). Claims 8-9 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Todter in view of art, and further in view of U.S. Patent No. 4, 001,516 to Weisigk et al. (“Weisigk”). Claim 10 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Todter in view of art, and further in view of U.S. Patent No. 6,445,937 to daSilva (“daSilva”). Claims 1-10 have been canceled, thus rendering the rejection of claims 1-10 moot.

Todter relates to active noise cancellation systems. The Todter system includes a bilateral transducer for use in an active noise cancellation system for sensing ambient noise and producing acoustic waves to cancel the noise. Electrical signals are processed by a signal processor to produce speaker drive input signals which are communicated to a speaker driver which in turn sends corresponding electrical drive energy to a second transducer in a form of a speaker. The speaker converts the electrical drive energy into corresponding acoustic waves which are directed to impinge a listener’s ear. Ideally, the gain in a feedback loop is negative unity such that the acoustic waves impinging the ear from the speaker are at all times equal in magnitude but opposite in phase to that of the ambient noise impinging the ear.

Weisigk relates to an apparatus for feeding and controlling ringing currents in line circuits of telecommunication systems. The line circuits may be of a type wherein a feeding of ringing currents to subscriber circuits is effected via an electronic device connected between a ringing current source and a line circuit feeding junction.

daSilva relates to improvements in managing battery power consumption in mobile telephones. daSilva incorporates special circuitry and software into a design of a standard mobile telephone unit. A power control subsystem device may be incorporated into an integrated circuit (IC), an application specific integrated circuit (ASIC), or a digital signal processor (DSP).

Applicant respectfully submits that the cited combination of Todter, Weisigk, and daSilva fails to teach, suggest, or render obvious at least one of the distinguishing features of independent claim 11, namely, a plurality of impedance components coupled in series to a buzzer. In addition, the cited combination of Todter, Weisigk, and daSilva fails to teach, suggest, or render obvious a plurality of impedance components that comprise at least one resistor and at least one capacitor coupled in series and wherein a value of the at least one resistor is selected so as to minimize noise generated by the buzzer. Applicant respectfully submits that independent claim 11 distinguishes over the cited combination of Todter, Weisigk, and daSilva.

Dependent claims 12-17 depend from and further restrict independent claim 11 in a patentable sense. Applicant respectfully submits that, for at least the reasons set forth above with respect to the rejection of independent claim 11, dependent claims 12-17 distinguish over the cited references.

New claim 18 relates to a method of reducing noise in a communication device. Applicant respectfully submits that the cited combination of Todter, Weisigk, and daSilva fails to teach, suggest, or render obvious at least one of the distinguishing features of independent claim 18, namely, coupling a plurality of impedance components in series to a buzzer. In addition, the cited combination of Todter, Weisigk, and daSilva fails to teach, suggest, or render obvious a plurality of impedance components that comprise at least one resistor and at least one capacitor coupled in series and selecting a value of the at least one resistor so as to minimize

noise generated by the buzzer. Applicant respectfully submits that independent claim 18 distinguishes over the cited combination of Todter, Weisigk, and daSilva.

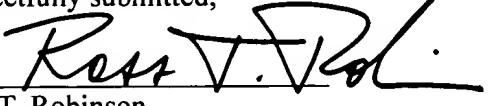
Dependent claims 19-24 depend from and further restrict independent claim 18 in a patentable sense. Applicant respectfully submits that, for at least the reasons set forth above with respect to the rejection of independent claim 18, dependent claims 19-24 distinguish over the cited references.

New claim 25 relates to a method of reducing noise in a communication device. Applicant respectfully submits that the cited combination of Todter, Weisigk, and daSilva fails to teach, suggest, or render obvious at least one of the distinguishing features of independent claim 18, namely, determining, via a radio-frequency (RF) power-management application specific integrated circuit (ASIC), of an amount of current driven from a battery through a power amplifier of the communication device. In addition, the cited combination of Todter, Weisigk, and daSilva fails to teach, suggest, or render obvious generating, based on the determined amount of current, of an acoustic output using an algorithm of the RF power-management ASIC. Applicant respectfully submits that independent claim 25 distinguishes over the cited combination of Todter, Weisigk, and daSilva.

In view of the above, each of the presently-pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

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Respectfully submitted,

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